

AMENDMENTS TO THE WRITTEN DESCRIPTION:

1. Please replace the paragraph beginning at page 1, line 3, with the following rewritten paragraph:

--This application is a continuation-in-part of application Serial no. 07/886,752 filed May 21, 1992, now abandoned, which was a continuation-in-part of application Serial No. 07/653,012 filed February 8, 1991, now abandoned. This application is also a continuation-in-part of ~~U.S. Patent~~ application Serial No. 07/807,062 filed November 27, 1991, now U.S. Patent No. 5,443,815, issued August 22, 1995. --

7. Please replace the list beginning at page 12, line 3, (which was previously amended) with the following rewritten list:

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGC.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCK.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCR.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCRD.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCRK.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCRR.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCKK.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCKKK.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGC.Orn.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCKDK.amide)
cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGC.Orn.D.Orn.amide)

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGC.Orn.D.amide)

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.KKC.amide)

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.KRC.amide)

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.RRC.amide)

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.KKCK.amide)

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GRCK.amide)

cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GKCR.amide)

CH₂CO.Y_D.Apc.GDCGGC_{Acm}GC_{Acm}GGC.amide

CH₂CO.Y_D.Apc.GDCGGC_{Acm}GC_{Acm}GGCG.amide

CH₂CO.Y_D.Apc.GDCGGSSGGCG.amide

CH₂CO.Y_D.Apc.GDCGGCG.amide

GRGDGGC (SEQ ID NO: 1)

GLFCGC.amide (SEQ ID NO: 2)

GRGDGGGGC (SEQ ID NO: 3)

F_DFYW_DKTFTGGC.amide

acetyl.CGGY.[(CH₂)₄-piperidine]

3. Please replace the table on page 19 (which was previously amended) with the following rewritten table:

TABLE 1

<u>Peptides</u>	<u>FABMS</u> <u>MH⁺</u>	<u>Radiochemical</u> <u>Yield (%)[*]</u>	<u>HPLC</u> <u>R_T(min)^{**}</u>
<i>cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGC.amide)</i>	1129	98 ⁴	15.1, 17.2
<i>cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCK.amide)</i>	1258	99 ⁴	15.0
<i>cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCR.amide)</i>	1285	99 ³	15.1
<i>cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGCKK.amide)</i>	1386	N.D.	N.D.
<i>cyclo(N-methyl)FYW_DKV.Hcy.(CH₂CO.GGC.Orn.amide)</i>	1244	98 ⁶	7.0 ¹
<u>CH₂CO.Y_D.Apc.GDCGGC_{Acm}GC_{Acm}GGC.amide</u>	1393	97 ⁴	11.4 ³
<u>CH₂CO.Y_D.Apc.GDCGGSSGGCG.amide</u>	1219	N.D.	N.D.
<u>CH₂CO.Y_D.Apc.GDCGGCG.amide</u>	930	99	11.3 ³
<u>CH₂CO.Y_D.Apc.GDCGGC_{Acm}GC_{Acm}GGCG.amide</u>	1450 ⁷	N.D.	N.D.
F _D FYW _D KTFTGGC.amide	1356	99 ⁴	15.2, 16.2
GRGDGGC (SEQ ID NO: 1)	769	98 ²	13.0, 13.6, 14.7 ³
GRGDGGGGC (SEQ ID NO: 3)	735	100 ¹	14.9, 15.1, 15.4 ²

4. Please replace the paragraph beginning at page 24, line 17, with the following rewritten paragraph:

-- New Zealand White (NZW) rabbits of both sexes and weighing 2-3 kg are inoculated intramuscularly in the left calf with a potent strain of *Escherichia coli*. After 24 hours, the animals are sedated by intramuscular injection of ketamine and

xylazine and then injected with Tc-99m labeled peptide (2-10mCi, $\leq 150\mu\text{g}$). The animals are then positioned supine in the ~~filed~~ field of view of a gamma camera (LEAP collimator/photopeaked for Tc-99m) to be imaged. The animals are imaged over the first hour post-injection, and then at approximately 1 hour intervals for the next 3 hours. Animals are allowed to recover between image acquisitions and re-anesthetized as needed. --